



STATE OF IDAHO  
DIVISION OF  
ENVIRONMENTAL QUALITY

1410 North Hilton, Boise, ID 83706-1255, (208) 373-0502

Philip E. Batt, Governor

August 14, 1998

**CERTIFIED MAIL # P 326 991 283**

Mr. Ward Wolleson  
Senior Environmental Engineer  
J.R. Simplot Company  
Minerals and Chemical Group  
Post Office Box 912  
Pocatello, ID 83204

RE: P-980063, J.R. Simplot Co., Don Siding Facility, Pocatello  
(Removal of Cyclonic Scrubber)

Dear Mr. Wolleson:

On May 22, 1998, the Idaho Department of Health and Welfare, Division of Environmental Quality (DEQ) received a submittal from the J.R. Simplot Company requesting approval to remove the cyclonic scrubber from the Granulation III operating unit at the Don Siding facility. Simplot also requested deletion of the reference to the cyclonic scrubber in their currently effective Tier II Operating Permit #077-00006, dated June 29, 1995. The application was determined complete on June 18, 1998. Based on review of the application and all applicable state and federal rules and regulations, DEQ finds that this project meets the provisions of IDAPA 16.01.01.200 (Rules for the Control of Air Pollution in Idaho). Enclosed is modified page 4 of 33 of the facility's currently effective Tier II Operating Permit #077-00006, dated June 29, 1995. Please replace existing page 4 with the enclosed modified page 4.

Please pay particular attention to the reporting requirements contained in Paragraph E of the General Provisions section of the permit. This information is needed to properly track the progress of the permit. Please refer to the appropriate permit number when submitting reports required in the Reporting Requirements section of the permit.

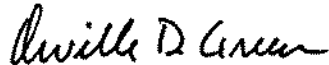
You, as well as any other entity, may have the right to appeal this final agency action pursuant to the Idaho Department of Health and Welfare Rules, Title 5, Chapter 3, "Rules Governing Contested Case Proceedings and Declaratory Rulings," by filing a petition with the Hearings Coordinator, Department of Health and Welfare, Administrative Procedures Section, 450 West State Street, Tenth Floor, Boise, Idaho 83720-5450, within thirty-five (35) days of the

Mr. Ward Wolleson  
August 14, 1998  
Page 2

date of this decision. However, DEQ encourages you to contact the Air Quality Permitting Bureau to address any concerns you may have with the enclosed permit prior to filing a petition for a contested case.

If you have any questions regarding the terms or conditions of the enclosed permit, please contact Susan J. Richards, Chief, Air Quality Permitting Bureau, at (208) 373-0502.

Sincerely,



Orville D. Green  
Assistant Administrator  
Air & Hazardous Waste Division

Enclosure

ODG/BR/ms

G:\AHW\ROGERS\SIMPLET\980063.PL

cc: P. Rayne/AFS  
R. Wilkosz/TSB  
Pocatello Regional Office  
EPA, IOO  
Permit File Manual  
Source File (077-00006)  
COF

**AIR POLLUTION OPERATING PERMIT  
PERMITTEE, PROJECT, AND LOCATION**

J.R. Simplot Company  
Tier I Operating Permit  
Don Siding Complex

**PERMIT NUMBER**

0 7 7 - 0 0 0 0 6

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

**SOURCE**

Granulation III Stack

**1. SOURCE DESCRIPTION**

- 1.1 Process Description This process involves transferring dry feed stock to the Granulation III Plant, making phosphates of different grades and transferring these products to storage and loadout. Dry feed stock is transferred to the Granulation III Plant reactor, where phosphoric acid, sulfuric acid, ammonia, and other materials are reacted to produce phosphate products. Phosphate products from the reactor are transferred to the dryer and then to the cooler. Phosphate product transfers to the product belt conveyor, which dumps to the product stockpile. Product is transferred by loader to the reclaimer hopper, which feeds the shipping elevator. Product from the elevators is fed through chutes into the trucks and railcars.
- 1.2 Controls Emissions from the dryer and the transfers associated with getting the dry feed stock to the dryer are reduced by being inside the Granulation Building and are vented to a cyclone, and an Entoleter Scrubber (in series), and then to the granulation stack (common to the other Granulation III Plant control equipment). Emissions from the reactor and cooler are reduced by being inside the Granulation Building and are vented to a Venturi Scrubber and then the stack. Alternative, emissions from the cooler can be vented to the dryer furnace as preheated air. Emissions from the transfers, associated with getting the product from the dryer to the product belt conveyor, are reduced by being inside the Granulation Building and are vented to the Granulation III Plant Baghouse, and then through one stack (common with the other Granulation III Plant control equipment). Emissions from the product stockpile and from the transfers, associated with getting the product from the product belt conveyor to the product stockpile and from the product stockpile to the elevator, are reduced by being inside the Granulation Building. Emissions from the transfers, associated with getting the product from the elevator to the trucks and railcars, are wind protected.

**2. EMISSION LIMITS**
**2.1 Granulation III Stack**

- 2.1.1 Particulate, PM-10, total fluorides (i.e., particulate and gaseous), carbon monoxide (CO), and nitrogen oxide (NOx) emissions shall not exceed the pound-per-hour (lb/hr) or ton-per-year (T/yr) values given in Appendix A of this permit.
- 2.1.2 Radionuclide emissions shall not exceed the curies per year (Ci/yr) value given in Appendix A of this permit.

*David D. Green*

Assistant Administrator  
Division of Environmental Quality

ISSUED: August 14, 1998  
EXPIRES: June 29, 2000

BR/ms G:\AHWROGERS\SIMPLOT\980603.OP